**ABSTRACT**

Disclosed is a channel estimator adopting masking. In a channel estimator using a CIR (channel impulse response) estimating value, the present invention includes a CIR masking unit removing a noise included in the CIR estimating value. Accordingly, the present invention is capable of filtering noises resulting from finiteness of the PN sequence used in finding the cross correlator, thereby enabling to enhance accuracy for the CIR estimating value. And, the enhanced accuracy for the CIR estimating value enables to improve tracking performance to the time variable channel of the frequency domain equalizer using the channel estimator.